

INFORMATION DISCLOSURE
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ATTY. DOCKET NO.

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10/764,496

APPLICANT

KOCHERGIN

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January 27, 2004

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RAR	5,583,690	12/1996	Andrae et al.			
RAR	4,410,227	10/1983	Prunella et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
RAR	JP 3-185338 (A)	Japan			
RAR	DE 4027049	Germany			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

RAR *	B. Ludescher, et al., "Faraday Low-temperature Microscope for observing Dynamic Magnetization processes in Superconductors" (i.e., Faraday-Tiefemperatur-Mikroskop zur Beobachtung dynamischer Magnetisierungsvorgänge in Supraleitern"), <i>Laser und Optoelektronik</i> 23 (1991), pages 54-58
RAR	L.A. Dorosinskii, et al., "Studies of HTSC crystal magnetization features using indicator magnetooptic films with in-plane anisotropy," <i>Physica C</i> 203 (1992), pp 149-156
RAR	M.V. Indenbom, et al., <i>Physica C</i> 166 (1990), page 486-496
RAR	Safarov V.I. et al, "Magneto-optical Effects Enhanced by Surface Plasmons in Metallic Multilayer Films," <i>Physical Review Letters</i> , 73 (26), Dec. 1994. p.3584-7.
RAR	Kochergin V.E. et al, "Polariton enhancement of the Faraday magnetooptic effect," <i>JETP Letters</i> , 68 (5), Sept. 1998, p.400-403
RAR	Raether H., "On the Influence of Roughness on the Optical Properties of Surfaces: Plasma Resonance Emission and the Plasmon Dispersion Relation," <i>Thin Solid Films</i> , 28, (1), July 1975. p.119-124
RAR	Wallis R.F. et al, "Theory of surface polaritons in anisotropic dielectric media with application to surface magnetoplasmons in semiconductors," <i>Physical Review B (Solid State)</i> , 9 (8), April 1974. p.3424-3437
RAR	Nikitin P.I. et al, "Surface plasmon resonance interferometry for biological and chemical sensing," <i>Sensors and Actuators B</i> B54 (1-2), Jan. 1999 p.43-50
RAR	Grigorenko A.N. et al, "Phase jumps and interferometric surface plasmon resonance imaging," <i>Appl. Phys. Lett.</i> , 75 (25), Dec. 1999. p.3917-3919
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RAR	Rothenhauser B. et al, Surface-plasmon microscopy," <i>Nature</i> , 332, April 1988. p.615-617
RAR	Kochergin V.E. et al, "Phase properties of a surface-plasmon resonance from the viewpoint of sensor applications," <i>Quantum Electronics</i> , May 1998, 28 (5), p 444-448
RAR	Grigorenko A.N. et al, "Dark-field surface plasmon resonance microscopy," <i>Optics Communications</i> , 174 (1-4), Jan. 2000. p.151-155
RAR	Chern M.Y. et al, "Red Shift of Faraday Rotation in Thin Films of Completely Bismuth-Substituted Iron Garnet $\text{Bi}_3\text{Fe}_3\text{O}_{12}$," <i>Japanese Journal of Applied Physics</i> , Part 1, 38 (12A), Dec. 1999, p.6687)
RAR	Uhlmann D.R. et al, "New optical materials by wet chemical processing," <i>Journal of Non-Crystalline Solids</i> , 196, March 1996. p.26-36
RAR	Mansuripur, M., "The Faraday Effect," <i>Optics & Photonics News</i> (11/1999)
RAR	Holm, William, Thesis, "Superconducting fluctuations as a tool to probe microscopic properties of $\text{YBa}_2\text{Cu}_3\text{O}_{7.8}$, Stockholm, Sweden (02/1996)
RAR	"Magneto-Optical Effects, The Interaction of Electromagnetic Radiation with Magnetic Media," http://www.qub.ac.uk/mp/con/magnetics_group/magnetooptics.html (last revised 1/4/1998)
RAR	Densysenkov, V., "Magnetic Properties of Bismuth Iron Garnet Films," The course #5A1710/5A171 "Experimental Material Physics"

*Document not available

*Examiner	/Richard Rosenberger/	Date Considered	05/02/2006
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.